In the Claims:

1. (presently amended) A device for generating decision support for decisions which determine and/or control the ~~behaviour~~ behavior of an entity ~~(44) and/or for controlling the behaviour~~ behavior ~~of an entity (44)~~, comprising:

a supervising unit ~~(10)~~ arranged to handle a rule system for the ~~behaviour~~ behavior, wherein the supervising unit ~~(10)~~ comprises at least one storage member ~~(12)~~ in which a set of rules ~~(14)~~ for the ~~behaviour~~ behavior is stored,

a user interface ~~(16) comprising~~ including first means ~~(18)~~ for presenting information to a user of the device and second means ~~(20)~~ for inputting instructions to said supervising unit ~~(10)~~,

~~wherein~~ the device ~~is arranged~~ being operable with a first automatic rule handler ~~(41)~~ which automatically executes said rules ~~(14)~~ according to a predetermined program for the rule handling,

~~characterised in that~~ the device ~~is arranged~~ being operable with a second rule handler ~~(42)~~ which enables a user, by instructions via said second means ~~(20)~~, to indicate an alternative to the automatic execution by the first rule handler ~~(41)~~, such that the second rule handler ~~(42)~~ is activated and executes the rules ~~(14)~~ in accordance with said instructions from the user at the same time ~~as~~ that the first rule handler ~~(41)~~ continues the automatic execution, ~~and wherein~~ the device ~~is arranged~~ being further operable such that said first means ~~(18)~~ at the same time is able to present information concerning the rule handling which is carried out by the first rule handler ~~(41)~~ and the rule handling which is carried out by the second rule handler ~~(42)~~.

2. (presently amended) A device according to claim 1, ~~arranged such that~~ wherein the rule system is divided into a plurality of states ~~(30)~~ for different parts of said ~~behaviour~~ behavior, and wherein each state ~~(30) comprises~~ includes at least one ~~or more~~ of said rules ~~(14)~~.

3. (presently amended) A device according to claim 2, ~~arranged such that~~ wherein the rule system is divided into a plurality of rule blocks ~~(31)~~, each of which ~~comprises~~ includes at least one ~~or more rules (14)~~ rule, wherein each state ~~(30) comprises~~ includes at least one ~~or more~~ rule ~~blocks (31)~~ block, wherein the rules ~~(14)~~ within a certain rule block ~~(31)~~ ~~concern~~ relate to a certain aspect of the ~~behaviour~~ behavior within the corresponding state ~~(30)~~ ~~in question~~.

4. (presently amended) A device according to claim 2 ~~or 3~~, ~~arranged such that~~ wherein names which identify said states ~~(30)~~, rule blocks ~~(31)~~ and/or rules ~~(14)~~, automatically or in response to a command entered via said second means ~~(20)~~, are presented to a user with ~~the help~~ ~~of~~ said first means ~~(18)~~.

5. (presently amended) A device according to claim 4, further comprising means, associated with said first means, for presenting ~~arrange to present~~ a plurality of names which concern different states ~~(30) with the help of said first means (18)~~, wherein the name of the state ~~(30)~~ in which said first rule handler ~~(41) is~~ exists, is marked with a first kind of marking ~~(51)~~.

6. (presently amended) A device according to claim 5, ~~arranged such that~~ wherein when the second rule handler ~~(42)~~ is activated by instructions from a user, the name of the state ~~(30)~~ in which said second rule handler (42) ~~is~~ exists, is marked with a second, different kind of marking ~~(52) which differs from the first kind of marking (51)~~, wherein both the first ~~(51)~~ and ~~the~~ second

~~(52) kind of marking~~ markings are capable of being simultaneously ~~can be~~ presented ~~via~~ by said first means ~~(18)~~.

7. (presently amended) A device according to ~~any of the claims 2-6~~ claim 2, ~~arranged to~~ ~~via~~ wherein said first means ~~(18) show~~ provides a decision support window which ~~comprises~~ includes at least one area ~~(56)~~ which represents a state ~~(30)~~, wherein ~~this~~ the area ~~(56) comprises~~ includes names which identify at least different rules ~~(14)~~ which form part of the state ~~(30)~~.

8. (presently amended) A device according to claim 7, wherein said area ~~(56)~~ includes at least ~~comprises~~ names of a plurality of rules ~~(14)~~, wherein the name of the rule or rules ~~(14)~~ which are activated for the moment according to at least one of said first ~~(41) and/or~~ and second ~~(42)~~ rule handler are provided with markings ~~(51, 52)~~ which indicate that the rule or the rules ~~(14)~~ in question are activated.

9. (presently amended) A device according to claim 8, ~~arranged such that~~ wherein when the second rule handler ~~(42)~~ is activated by instructions from a user, the name of the rule or rules ~~(14)~~ which are activated according to said first rule handler ~~(41)~~ is marked with a first kind of marking ~~(51)~~, while the rule or rules which are activated according to said second rule handler ~~(42)~~ are marked with a second, different kind of marking ~~(52) which differs from the first kind of marking (51)~~.

10. (presently amended) A device according to any ~~of the claims 7-9~~ claim 7, wherein said area ~~(56)~~ also ~~comprises~~ includes the name of at least one ~~or more~~ rule ~~blocks (31)~~ block which ~~form~~ forms part of the state ~~(30)~~.

11. (presently amended) A device according to ~~any of the preceding claims~~ claim 1, ~~arranged such that~~ further comprising means, operable in response to a ~~user with the help of a simple~~ command via said second means, ~~(20) can deactivate~~ for deactivating the second rule handler ~~(42)~~.

12. (presently amended) A device according to ~~at least one of the claims 7-10~~ claim 7, ~~arranged to in a simple manner enable a user to via~~ wherein said second means ~~(20)~~ ~~name~~ includes means for naming at least different rules ~~(14)~~, ~~wherein the device is arranged such that~~ the names of the rules ~~(14)~~ which have been named by the user, and which form part of a certain state ~~(30)~~, ~~are~~ being automatically shown within said area ~~(56)~~, when said area ~~(56)~~ which represents the state ~~(30)~~ in question is shown in said decision support window.

(13.) (presently amended) A device according to ~~at least one of the claims 7-10~~ claim 7, wherein said plurality of states (30) are ~~organised~~ organized in at least one of a network ~~or~~ and a hierarchy of states ~~(30)~~, wherein the device ~~is arranged such that~~ further includes means for allowing a user ~~in a simple manner can~~ to modify the states ~~(30)~~ by performing at least one of the activities which include naming states ~~(30) and/or~~, adding states ~~(30) and/or~~, removing states ~~(30) and/or~~, and changing the position of the states ~~(30)~~ in the network or hierarchy, wherein ~~the device is arranged such that~~ when said decision support window is shown, ~~automatically~~ a plurality of states ~~(30)~~ are automatically shown, and wherein the ~~device is arranged such that these~~ states ~~(30)~~ are automatically shown in accordance with the modifications of the states ~~(30)~~ which the user has carried out.

14. (presently amended) A device according to ~~any of the preceding claims~~ claim 1, ~~arranged such that~~ wherein the rule system is divided into at least one of a plurality of states ~~(30) and/or~~ and rule blocks ~~(31)~~ for different parts of said ~~behaviour~~ behavior, ~~wherein~~ the device ~~is arranged such that a~~ further includes means, operable in response to an advance user ~~by a~~ command via said second means ~~(20) in advance can define~~ for defining that, for a certain state or a plurality of states ~~(30)~~ and/or rule blocks ~~(31) it is the case that~~, the rules ~~(14)~~ which form part of the state ~~(30)~~ and/or the rule block ~~(31)~~ shall not be activated automatically, ~~such that said behaviour~~ whereby the behavior of the entity ~~(44)~~ in these states ~~(30)~~ and/or rule blocks ~~(31) always~~ is always handled manually.

15. (presently amended) A device according to ~~any of the preceding claims~~ claim 1, ~~arranged such that a rule (14) comprises~~ wherein one of the rules includes at least one ~~or more~~ predetermined and preprogrammed premises ~~(22)~~ which can either be true or false and at least one ~~or more~~ predetermined and preprogrammed conclusions ~~(24)~~, wherein ~~the device is arranged such that~~ each premise ~~(22)~~ in the rule ~~(14)~~ is assigned an indicator ~~(32)~~ which can indicate three different conditions, ~~viz.~~ including a first condition ~~which means~~ that the premise ~~(22)~~ shall be true, a second condition ~~which means~~ that the premise ~~(22)~~ shall be false and a third condition ~~which means~~ that it does not matter whether the premise ~~(22)~~ is true or false, wherein at least one conclusion ~~(24)~~ is ~~suited to be~~ carried out if all of said premises ~~(22) fulfil~~ fulfill the conditions set by the assigned indicators ~~(32)~~.

16. (presently amended) A device according to claim 15, ~~arranged such that~~ wherein each conclusion ~~(24)~~ in the rule ~~(14)~~ is assigned an indicator ~~(32)~~ which can indicate two different cases, a first case which indicates that the conclusion ~~(24)~~ shall be carried out and a second case

which indicates that the conclusion ~~(24)~~ shall not be carried out, wherein a conclusion ~~(24)~~ is ~~intended to be~~ carried out if all of said premises ~~(22)~~ in the rule ~~fulfil~~ fulfill the conditions set by the assigned indicators ~~(32)~~ and the indicator of the conclusion ~~(24)~~ indicates ~~(32)~~ said first case.

17. (presently amended) A device according to claim 15 ~~or 16~~, ~~arranged to~~ including means, operable on commend from a user, ~~show~~ for showing at least one ~~or more~~ of said rules ~~(14)~~ with ~~the help of~~ said user interface ~~(16)~~, ~~wherein the device is arranged such that~~ and further comprising means, operable by a user with the help of said second means ~~(20)~~ of the user interface, ~~(16) can change~~ for changing the indications of said indicators ~~(32)~~.

18. (presently amended) A device according to claim 17, ~~arranged such that~~ further comprising means for changing ~~the user can change~~ said indications ~~(32)~~ , the changing means requiring user operation of ~~by~~ at least one ~~or a few~~ depressions of at least one of a key ~~or~~ and a button.

19. (presently amended) A device according to ~~any of the claims 15-18~~ claim 15, ~~arranged such that~~ wherein at least some of said premises ~~(22)~~ ~~and/or~~ and conclusions ~~(24)~~ comprise at least one ~~or more~~ parameters ~~(25)~~ which can be modified, wherein ~~the device is arranged to~~ in response to a command from a user via said user interface ~~(16)~~ the device presents a parameter window which shows at least one premise ~~(22)~~ or conclusions ~~(24)~~ and wherein the user ~~with the help of~~ using said user interface ~~(16)~~ can modify the parameter or the parameters in said premises ~~(22)~~ or conclusion ~~(24)~~.

20. (presently amended) A device according to ~~any of the preceding claims~~ claim 1, ~~arranged such that~~ wherein the rule system is divided into a plurality of states ~~(30)~~, wherein each state ~~(30)~~ comprises a plurality of said rules ~~(14)~~, which are divided into at least one ~~or more~~ rule block~~s (31)~~ which concern different aspects of the state ~~(30)~~, wherein the rule or rules ~~(14)~~ which form part of a certain rule block ~~(31)~~ on command from a user via said user interface ~~(16)~~ is shown as a rule block window.

21. (presently amended) A device according to claim 20, ~~arranged to~~ wherein in said rule block window are shown ~~show~~ all premises ~~(22)~~ and conclusions ~~(24)~~ which form part of the different rules ~~(14)~~ which form part of the rule block ~~(31)~~, wherein for each rule ~~(14)~~ in the rule block ~~(31)~~ said indications ~~(32)~~ which indicate said conditions and cases are shown as indicators ~~(32)~~ for the respective premises ~~(22)~~ and conclusions ~~(24)~~.

22. (presently amended) A storage medium for storing a computer program, wherein the storage medium carries a computer program which is such that when it is implemented in a supervising unit ~~(10) as defined in claim 1 and this supervising unit (10) is~~ connected to a user interface ~~(16) as defined in claim 1, a device according to any of the preceding claims is implemented~~ , the computer program providing

a first automatic rule handler which automatically executes rules according to a predetermined program for rule handling, and

a second rule handler which enables a user, by instructions via said second means, to indicate an alternative to the automatic execution by the first rule handler such that the second rule handler is activated and executes the rules in accordance with said instructions from the user

at the same time that the first rule handler continues the automatic execution, wherein the first means at the same time is able to present information concerning the rule handling which is carried out by the first rule handler and the rule handling which is carried out by the second rule handler.

23. (presently amended) A device according to claim 1, ~~User of a device according to any of the claims 1-21 for generating decision support for decisions which determine the behaviour of an entity (44),~~ wherein said entity ~~(44)~~ is selected from the group consisting of a technical apparatus, a technical process or a technical system.

24. (presently amended) A device ~~Use~~ according to claim 23, wherein said technical apparatus, technical process ~~or~~ and technical system constitutes a vehicle ~~(44)~~.

25. (presently amended) A device ~~Use~~ according to claim 23, wherein said technical apparatus, technical process or technical system constitutes an unmanned or manned aircraft ~~(44)~~.

26. (presently amended) A device ~~Use~~ according to ~~any of the claims 23-25~~ claim 23, wherein said device ~~is used for~~ includes means, by the execution of said rules ~~(14)~~, for automatically controlling at least a part of the ~~behaviour~~ behavior of said entity ~~(44)~~.

27. (presently amended) A system comprising: ~~a device according to any of the claims 1-21 and said entity (44), wherein said device by the execution of said rules (14) automatically controls at least a part of the behaviour of said entity~~

an entity;

a device for controlling the behavior of the entity, the device including

a first automatic rule handler which automatically executes rules according to a predetermined program for the rule handling;

a second rule handler which enables a user, by instructions via said second means, to indicate an alternative to the automatic execution by the first rule handler, such that the second rule handler is activated and executes the rules in accordance with said instructions from the user at the same time that the first rule handler continues the automatic execution, said first means at the same time is able to present information concerning the rule handling which is carried out by the first rule handler and the rule handling which is carried out by the second rule handler.

28. (presently amended) A system according to claim 27~~, arranged such that~~ wherein when said second rule handler ~~(42)~~ is activated, said entity ~~(44)~~ is controlled by this second rule handler ~~(42)~~, wherein when the second rule handler ~~(42)~~ is deactivated, the control of the entity ~~(44)~~ returns to the first rule handler ~~(41)~~.

29. (presently amended) A system according to claim 27 ~~or 28~~, wherein said entity ~~(44)~~ is a manned or unmanned aircraft ~~(44)~~.

30. (presently amended) A system according to claim 29, further comprising a storage medium for storing a computer program, wherein the storage medium carries a computer program which is such that when it is implemented in ~~a~~ the supervising unit ~~(10) as defined in claim 1~~ and the supervising unit is connected to ~~a~~ the user interface ~~(16) as defined in claim 1 and with an entity (44) as defined in any of the claims 27-29, a system according to any of the claims 27-29 is implemented~~ the behavior of the entity is controlled.